

Client:	Needham DPW	Dates:	10/14/2019 to 10/18/2019
Contract:	Rosemary Lake Dredging		
Contractor:	Maverick Construction Co., Inc.	Inspector(s) on site:	Caroline Armstrong, Laura Krause, Noel Lioce

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### WORK COMPLETED THIS WEEK

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- Lake drawdown continued.
- Weekly turbidity monitoring conducted on Tuesday and Friday along Rosemary Brook.
- Maverick submitted Truck Haul Route and Stormwater Pollution Prevention Plan (SWPPP) for review.
- Maverick collected sediment samples in lake on Wednesday and Thursday using a barge. The samples to be analyzed for disposal facility requirements.
- Preparation of sediment management and dewatering plan. Will be submitted by Maverick for review.
- Wetland Specialist report submitted. Will be prepared weekly during drawdown.
- Equipment procurement and project submittal preparation.
- Additional submittal reviews for comment are taking place as submittals come in.

### WORK ANTICIPATED FOR NEXT WEEK

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- Continue lake drawdown.
- Weekly turbidity monitoring to be conducted along Rosemary Brook. Monitoring shall continue to occur twice a week during drawdown, on Tuesdays and Fridays.
- Equipment procurement and preparation of sediment management and dewatering plan. Review of submittals will continue as they come in.

## PHOTOS

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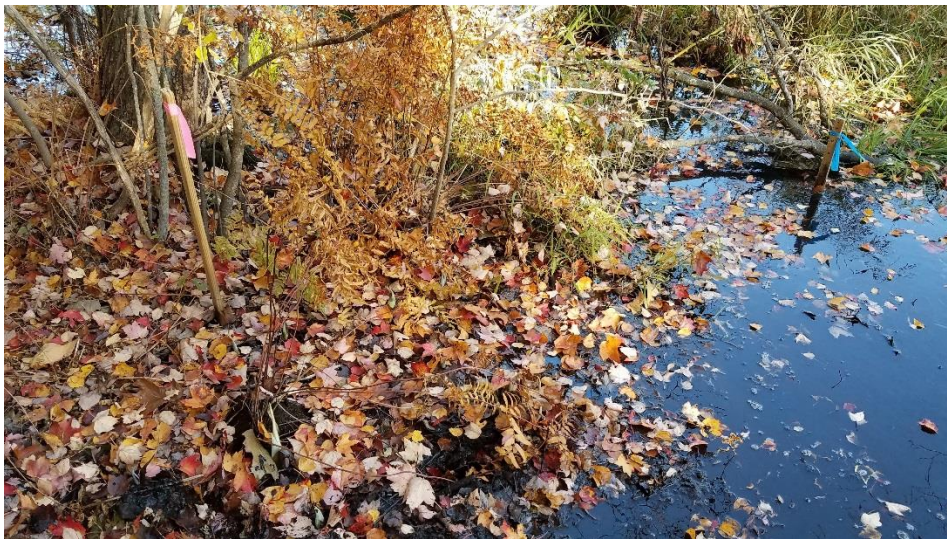
**Maverick collecting sediment samples in Rosemary Lake on sampling platform on Wednesday and Thursday.**



**Maverick set up jersey barriers as protection for memorial at parking/staging area**



**Station 5.4 (Whalen Property) – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday (6 days after initiation of drawdown). (10/15/19)**



**Station 5.2 (Whalen Property) – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday (6 days after initiation of drawdown). More vegetation and leaf litter than previous monitoring events. (10/15/19)**



**Station 2 (West Street) – Turbidity, velocity, and sediment depth readings taken on Tuesday (6 days after initiation of drawdown). Stations similar to previous event. (10/15/19)**



**Staging Area – Drawdown progress on Tuesday (6 days after initiation of drawdown).  
(10/15/2019)**



**Station 5.2 and 5.1 (L-R) (Whalen Property) – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Friday (9 days after initiation of drawdown). (10/18/2019)**



**Station 2 (West Street) – Turbidity, velocity, and sediment depth readings taken on Friday (9 days after initiation of drawdown). Stations similar to previous event. (10/18/2019)**



**Station 1 (Petrini Apartments) – Turbidity, velocity, and sediment depth readings taken on Friday (9 days after initiation of drawdown). Stations similar to previous event. (10/18/2019)**



**Lake Gate – near gate valve. (10/18/2019)**